



**Figure S6. PheWAS meta-analysis results for the trans-ethnic TC PGS in UK Biobank and MVP.** The blue horizontal line denotes phenome-wide significance ( $p \leq 6.5 \times 10^{-5}$ ) and the red line is genome-wide significance ( $p \leq 5 \times 10^{-8}$ ). Phenotypes have been pruned, so that the most significant one per correlated phenotype group (correlation coefficient  $> 0.2$ ) is retained. Pairwise correlations were estimated with chi-square test and Cramer's V for the dichotomous phenotypes and Pearson's correlation for the continuous phenotypes. Full phenome-wide significant results are presented in **Additional file 12: Table S8**.